ABSTRACT

In the rapid prototyping method of selective laser sintering, temperature gradients occur inside and between individual layers, leading to component deformation which is intolerable at least for high-quality components. The air of the invention is to provide a method for selective laser sintering, whereby the temperature inside the built-up particle cake is as homogeneous as possible. To this end, particles containing at least one material having a maximum softening temprature of approximately 70°C are used.